FOOD PROCESSING DEVICE DRIVEN BY ONE SINGLE MOTOR

RELATED U.S. APPLICATIONS

Not applicable.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not applicable.

REFERENCE TO MICROFICHE APPENDIX

Not applicable.

FIELD OF THE INVENTION

[0001] Present invention relates to a food processing device driven by one single motor and used at the sites of food preparation, characterized in that onto the motor block of a kitchen robot (1-1), an elastic, twistable and extendable-shrinkable (flexible) motion transfer element (1-4) that is attached via a detachable sleeve group (1-3) is provided and any special functioning accessory (1-5) is actuated through control of a working speed specific to the relevant function via a speed adjustment switch (1-2) present on the motor block.

BACKGROUND OF THE INVENTION

[0002] The currently used processing devices are of two types:

1- The device type operated by adding foodstuffs into the device for processing purposes (e.g. Kitchen robot); and

2- The device type operated by placing the devices into food containers for processing

purposes (e.g. Hand mixers, hand blenders).

[0003] The present invention allows performance of both operations as indicated above for two different types of food processing devices, in a more practical and compact way, through use of a device driven by one single motor.

[0004] Present invention is based on the fact that all food processing operations are performed via a device driven by one single motor.

BRIEF SUMMARY OF THE INVENTION

[0005] Present invention relates to the field of electrical household tools described in general under the name of kitchen robots (1) and used at food processing locations such as kitchens, etc.

BRIEF DESCRIPTION OF THE VIEW OF THE DRAWING

[0006] FIGURE 1: Components of Food Processing Device Driven by One Single Motor

[0007] FIGURE 2: Hand blender operations,

[0008] FIGURE 3: Formed cookies application,

[0009] FIGURE 4: Hand mixer (high powerful) operation

[0010] FIGURE 5: Washbasin and dishing brush operations

[0011] FIGURE 6: Can opening operations

[0012] FIGURE 7: Bread cutting operations

[0013] FIGURE 8: Food chopping / cutting / breaking into pieces operations.

DETAILED DESCRIPTION OF THE INVENTION

[0014] According to present invention, onto the motor block of a kitchen robot, a flexible (elastic, twistable and extendable-shrinkable) motion transfer element (Figure 1-4) that is attached via a detachable sleeve group (1-3) is provided and through which any special functioning accessory (Figure 1-5) is actuated.

[0015] A working speed specific to the relevant function is obtained via a speed adjustment switch (1-2) present on the motor block. An extra on/off switch (1-6) is present on the accessory to switch the same on or off.

[0016] The description of a special functioning accessory is also covered by present invention.

[0017] With the use of present invention, it is possible to carry out a hand blender operation (2), a formed cookies application (3), hand mixer (high powerful) operation (4), washbasin and dishing brush operations (5), can opening operations (6), bread cutting operations (7) and food chopping / cutting / breaking into pieces operations (8).